|              | Index of Claims |            |          |                 |          |              |    |                 |                 |          |           |          | 1        | Application No. |           |              |              |          |           |          |          |              | Applicant(s) |             |          |         |           |              |              |                |           |          |  |   |  |
|--------------|-----------------|------------|----------|-----------------|----------|--------------|----|-----------------|-----------------|----------|-----------|----------|----------|-----------------|-----------|--------------|--------------|----------|-----------|----------|----------|--------------|--------------|-------------|----------|---------|-----------|--------------|--------------|----------------|-----------|----------|--|---|--|
|              |                 |            |          |                 |          |              |    |                 |                 |          |           |          |          | 10/038273       |           |              |              |          |           |          |          |              |              |             |          |         |           |              |              |                |           |          |  |   |  |
| :            |                 |            |          |                 |          |              |    |                 |                 |          |           |          | E        | Examiner        |           |              |              |          |           |          |          |              |              | Art Unit    |          |         |           |              |              |                |           |          |  |   |  |
|              |                 |            |          |                 |          |              |    |                 |                 |          |           |          |          |                 |           |              |              |          |           |          |          |              | .            |             |          |         |           |              |              |                |           |          |  |   |  |
|              |                 |            |          |                 |          |              |    |                 |                 |          |           |          |          |                 | 1_        |              |              |          |           |          |          |              |              |             | <u>_</u> |         |           |              |              |                |           |          |  |   |  |
|              |                 | ſ          |          |                 |          | <u>.</u>     |    | _               | 1               |          |           |          |          |                 |           |              | ٦            |          |           |          |          |              |              |             |          |         |           |              |              | _              |           |          |  |   |  |
|              | √ Rejected      |            |          |                 |          |              |    |                 | (Through numera |          |           |          |          | ral)            | al)       |              |              | N        | ion-      | Ele      | Elected  |              |              |             | Appeal   |         |           |              |              |                |           |          |  |   |  |
|              |                 |            |          |                 |          |              | ↓_ | Cancelled       |                 |          |           |          |          | N Non-Elect     |           |              |              |          | _         | A        | _        | 1.1.         |              |             |          |         |           |              |              |                |           |          |  |   |  |
|              | = Allowed +     |            |          |                 |          |              |    | Restricted      |                 |          |           |          |          |                 |           | $ \cdot $    | lr           | nter     | fere      | rence O  |          |              | Objected     |             |          |         |           |              |              |                |           | •        |  |   |  |
|              |                 | Ł          |          |                 |          |              |    |                 |                 |          |           |          |          |                 |           |              | ]            |          |           |          |          |              |              | L           |          |         | ,,,,      |              |              | J              |           |          |  |   |  |
|              | Clair           | n          |          | Date            |          |              |    |                 |                 |          | Clai      | m        | Г        |                 |           |              | Dat          |          |           |          | $\neg$   |              | Claim        | <del></del> |          |         | D:        | alo.         |              |                |           | ח        |  |   |  |
|              |                 | _ E        |          |                 |          | П            |    |                 |                 |          |           | П        |          |                 | П         |              |              | 7        |           |          |          |              | $\neg$       | Date        |          |         | Τ         | Т            | 1            |                |           |          |  |   |  |
| •            | Final           | Original   |          |                 |          |              |    |                 |                 |          | Final     | Original |          |                 |           |              |              |          | 1         |          |          | Figs         | Original     |             |          |         |           |              |              |                |           |          |  |   |  |
|              | 1 1             | _          |          |                 | -        |              |    |                 |                 |          | <u>ــ</u> | ō        |          |                 |           |              |              |          |           |          |          | u            | ·   8        |             |          | İ       |           |              |              |                | ŀ         |          |  |   |  |
|              |                 | D)         | $\Box$   |                 | 二        |              |    |                 |                 |          |           | 51       |          |                 |           |              |              |          |           |          |          |              | 101          |             |          |         | +         | 1            | +            | <del> </del>   | -         | 1        |  |   |  |
|              |                 | 2          | -        | -               |          | +            |    | +-              | $\square$       | -        |           | 52<br>53 | _        | ┞-              | -         | <del> </del> | _            |          | 4         | -+       | -        | <u></u>      | 102          |             | $\dashv$ |         | 4         |              |              | L              |           | ]        |  |   |  |
|              |                 | 4          | -        | $\dashv \dashv$ | +        | +            | ╁  | ╁╴              | Н               | -        |           | 54       | $\vdash$ | ╁╴              | -         | -            | -            | -        | $\dashv$  | +        | $\dashv$ | -            | 103          |             | $\dashv$ | +       | +         | 4-           | ╀            | ╂—             | -         | $\dashv$ |  |   |  |
|              |                 | 5          | 7        |                 |          | 1            | 上  | 工               |                 |          |           | 55       |          |                 |           |              |              |          |           |          |          |              | 105          | 5           |          | $\top$  | _         | +            | +            | $\vdash$       | ┢         | 1        |  |   |  |
|              |                 | <u>6</u> ) | +        | $\dashv$        |          | 4            | +  | +               | $\sqcup$        | $\vdash$ |           | 56<br>57 | _        | _               | _         |              |              | $\dashv$ | 4         |          | 4        | _            | 106          |             | 4        |         |           | $\perp$      | $\Box$       |                |           | ]        |  |   |  |
|              |                 | 8          | $\top$   | ++              | $\dashv$ | +            | +- | +-              | Н               | $\vdash$ |           | 58       | -        | -               | -         | -            | -            | -        | +         | $\dashv$ | $\dashv$ | $\vdash$     | 107          | -           | +        |         | +         | ╁            | ╁            | <del> </del> — |           | Ⅎ        |  |   |  |
|              |                 | 9          | $\Box$   |                 | $\Box$   |              |    |                 |                 |          |           | 59       |          |                 |           |              |              |          |           |          |          |              | 109          |             |          |         | $\dagger$ | 1            | $\vdash$     | <del> -</del>  | $\vdash$  | -        |  |   |  |
|              |                 | 9          | +        | $\dashv\dashv$  |          | +            | +  | -               |                 | -        |           | 60<br>61 | _        | _               |           |              | _            |          | 4         | +        | _        | _            | 110          |             | 1        |         | 1         |              | $oxed{\Box}$ |                |           | 1        |  |   |  |
|              |                 | 2          | $\pm$    |                 | $\dashv$ | +            | +  | +               | $\dashv$        | $\vdash$ |           | 62       |          |                 |           |              |              | +        | +         | +        | $\dashv$ | -            | 111          |             | -+       |         | +         | +            | ╀            | ļ-,            | -         | į        |  |   |  |
|              |                 | 3          | 7        |                 | $\Box$   | $\perp$      |    |                 |                 |          |           | 63       |          |                 |           |              |              | $\Box$   |           |          | ]        |              | 113          |             |          |         | I         |              |              |                |           | j        |  |   |  |
|              | ++              | 5          | +        | $\dashv$        |          |              | +  | $\vdash$        | $\dashv$        | -        |           | 64<br>65 |          |                 |           |              |              | $\dashv$ | 4         |          | 4        |              | 114          | 1-1         | 4        | 4       | -         | L            |              |                |           | Ì        |  |   |  |
|              |                 | 6          |          |                 |          | +            | 1  | $\Box$          | $\dashv$        |          |           | 66       |          | Н               |           |              | $\dashv$     | $\dashv$ | $\dashv$  | _        | $\dashv$ | <del> </del> | 116          |             | $\dashv$ | +       | ╁         | ╁            | -            |                |           | 1        |  |   |  |
|              |                 | 7          | 4        | +1              | $\perp$  | $\bot$       |    |                 | $\exists$       |          | - 1       | 67       |          |                 |           |              |              |          | 7         | 1        |          |              | 117          |             |          |         |           |              |              |                |           | ]        |  |   |  |
|              |                 | 9          | +        | ++              | - -      | +            | +  | ╀╌┤             | $\dashv$        | <u> </u> |           | 68<br>69 |          |                 | -         | -            | $\dashv$     | +        | +         | +        | 4        | -            | 118          | $\dashv$    | 4        | -ļ-     | +         | -            |              | Ш              | Щ         |          |  |   |  |
|              | 2               | 0          | İ        |                 | $\Box$   |              | İ  | İΠ              |                 | Ė        | T         | 70       |          |                 | Ť         |              | T            | Ť        | $\dagger$ | T        | 1        | $\vdash$     | 120          |             | Ť        |         | 7'-       | <del> </del> | <u>.</u>     | <u> </u>       |           | İ        |  |   |  |
|              |                 | 1)         | - -      |                 | -        | 4            | _  |                 |                 |          |           | 71       |          |                 |           |              |              | $\dashv$ | $\bot$    |          | 7        |              | 121          |             |          |         |           |              |              |                |           |          |  |   |  |
|              |                 | 3          | +        |                 | +        | +            | +  | H               | $\dashv$        | -        | +.        | 72<br>73 | $\dashv$ | $\dashv$        | $\dashv$  | -            | 4            | +        | +         |          | -        |              | 122<br>123   | $\vdash$    | +        | - -     | +         | -            |              |                | 4         |          |  |   |  |
|              | 2               | 4          | ٦        |                 |          |              | 士  |                 |                 |          |           | 74       |          |                 |           |              |              |          | $\perp$   |          |          |              | 124          |             | +        | +       | +-        | t            |              | $\dashv$       | -         | ĺ        |  |   |  |
|              | 2               | 5<br>6     | +        | ++              | - -      | -            | +  |                 | _               | <u></u>  |           | 75       | _        | $\Box$          | $\dashv$  |              | $\dashv$     | $\perp$  | 1         |          |          |              | 125          | П           | $\Box$   |         | L         |              |              |                |           |          |  |   |  |
|              | 2               | 71         | +        | $\dashv$        | +        | +            | +- | $\vdash$        |                 | -        | -         | 76<br>77 | $\dashv$ | $\dashv$        | $\dashv$  | $\dashv$     | $\dashv$     | ╁        | +         | +        | -        |              | 126<br>127   | $\vdash$    | +        | +       | ╀         | $\vdash$     |              | $\dashv$       | ᅱ         |          |  |   |  |
|              | 2               | 8          | 1        |                 |          |              | 上  |                 |                 |          |           | 78       |          | $\exists$       |           |              |              |          | 1         |          | 1        |              | 128          | $\Box$      | $\perp$  | 1       | †         |              |              | $\dashv$       | $\dashv$  |          |  |   |  |
|              | - <b>7</b>      |            | +        | ++              |          | 4-           | ╀  | -               | 4               | _        |           | 79<br>30 | 4        |                 | 4         | $\dashv$     | 4            | 4        | _         | $\perp$  |          |              | 129          | П           | Ţ        | Τ.      | Ţ         | 1            |              |                |           | .,"      |  |   |  |
|              | Ğ               | Ť          | +        | +               | +        | +-           | +- | $\vdash$        | $\dashv$        | $\vdash$ |           | 31       | $\dashv$ | $\dashv$        | -         | $\dashv$     | $\dashv$     | -+-      | ╁         | +        | -        | _            | 130<br>131   | $\vdash$    | +-       | +       | ╁         | -            | $\vdash$     | $\dashv$       | $\dashv$  |          |  |   |  |
|              | 3               | 2          | Ţ        |                 |          |              |    |                 | $\exists$       |          | 1         | 32       |          |                 |           |              |              |          |           |          | ]        |              | 132          |             |          | $\top$  | 十         | Н            |              | _              | $\dashv$  |          |  |   |  |
|              | 3               |            | +        | -  -            | 4        | $\perp$      | 1  | $\vdash \vdash$ | 4               | _        |           | 33       | 4        | $\dashv$        | 4         | 4            | 4            | 4        | 1         |          | 4        |              | 133          | П           | Ţ        |         |           |              |              |                |           |          |  |   |  |
|              | 3               |            | +        | ++              | +-       | +            | +- | -               | $\dashv$        | -        |           | 34<br>35 | $\dashv$ | $\dashv$        | $\dashv$  | -            | +            |          | +         | - -      | -        |              | 134<br>135   | $\vdash$    | +        | +       | ╀         | -            |              | $\dashv$       |           |          |  |   |  |
|              |                 | 6)         | I        |                 |          |              |    |                 |                 |          | 8         | 36       | $\perp$  |                 |           |              | $\exists$    |          | $\perp$   |          | ]        |              | 136          | 11          | ┪        | +       | 1         |              | ᅥ            | $\dashv$       | ㅓ         |          |  |   |  |
| ٠            | 3               |            | +        |                 | -        | +-           | 1  |                 | 4               |          |           | 17       | 1        |                 | 1         | 4            | _            | $\perp$  | Ţ         | $\perp$  | ]        |              | 137          |             | I        |         |           |              |              |                |           |          |  |   |  |
|              | . 3             |            | +        | ++              | +-       | ╁╌           | +  | $\dashv$        |                 | -        |           | 8 9      | -        | +               | +         | $\dashv$     | +            | +        | +         |          | -        |              | 138<br>139   | ╌┼          | +        | +-      | ├-        | $\vdash$     | -            |                | 4         |          |  | į |  |
| Ì            | 4               | <b>5</b>   |          |                 |          | <u> </u>     |    |                 | _               |          | 9         | Ю        | $\perp$  |                 | $\dashv$  | $\top$       | $\top$       | +        | +         | +        | 1        |              | 140          |             | +        | +       | -         | Н            | +            | $\dashv$       | ᅱ         |          |  | į |  |
| T i medides  | $\frac{4}{\pi}$ | 1          | +        | 1-1-            | 4        | 1.           |    | $\Box$          |                 |          | 9         |          | 1        | $\Box$          |           |              |              | I        | I         |          | ]        |              | 141          |             |          |         |           | Ξ            | $\exists$    |                |           |          |  |   |  |
| Ziri Usztesi | 4.              | 3          | +-       | 1-1-            | +        | +            |    | -               | $\dashv$        | -        | 9         | 2        |          | +               | $\dashv$  | +            | +            | +        | +-        | +        | - 1      |              | 143          | -           | -        | 4.      | i<br>I    |              | . [          | . :[           | 1         | _ :      |  | 1 |  |
| İ            | 44              | 4          |          |                 | 1-       |              |    | 1               | $\dashv$        |          | 9         | 4        | +        | +               | $\forall$ | $\dashv$     | +            | +        | +         | +-       | 1        |              | 144          | $\vdash$    | +        | +-      | -         | $\vdash$     | +            | $\dashv$       | $\dashv$  |          |  | l |  |
|              | 45              |            | Ļ        | $\prod$         | $\bot$   | $\Box$       | П  | $\Box$          |                 |          | 9         | 5        |          | $\Box$          |           | $\perp$      | $\downarrow$ |          | 1         | $\perp$  | ] [      |              | 145          |             | 工        |         |           |              |              | $\exists$      |           |          |  |   |  |
| }            | 46              |            | +        | ╂-┼-            | +        | -            | ┦┤ | -+              | $\dashv$        | -        | 9         |          | +        | +               | +         | -            | 4            | +        | +         | - -      | ┨ ╏      |              | 146          | $\sqcup$    |          | 1       |           |              | $\bot$       | 1              | _         |          |  | • |  |
| t            | 48              | 3          | $\perp$  | <del></del>     | 士        | $\vdash$     |    | $\dashv$        | $\dashv$        | -        | 9         |          | +        | +               | +         | +            | +            | +        | +-        | +-       | 1        |              | 147<br>148   | -           | +        | +-      | $\vdash$  | $\dashv$     | +            | +              | $\dashv$  |          |  | ļ |  |
| . [          | 49              |            | $\Gamma$ |                 | I        | $\mathbb{L}$ |    | $\Box$          |                 |          | 9         | 9        | 土        | $\perp$         | $\perp$   |              | 1            |          | 1         | 1        | 1 [      |              | 149          |             | 1        | I       |           |              | _†           |                | $\exists$ |          |  |   |  |
| į            | 50              | <u></u>    |          | $\bot \bot$     | 1_       |              | Ш  |                 |                 | L        | 10        | 00       | L        | $\perp$         |           |              |              |          |           |          | ] [      |              | 150          |             | $\perp$  | $\prod$ |           |              |              | $\Box$         |           |          |  | l |  |